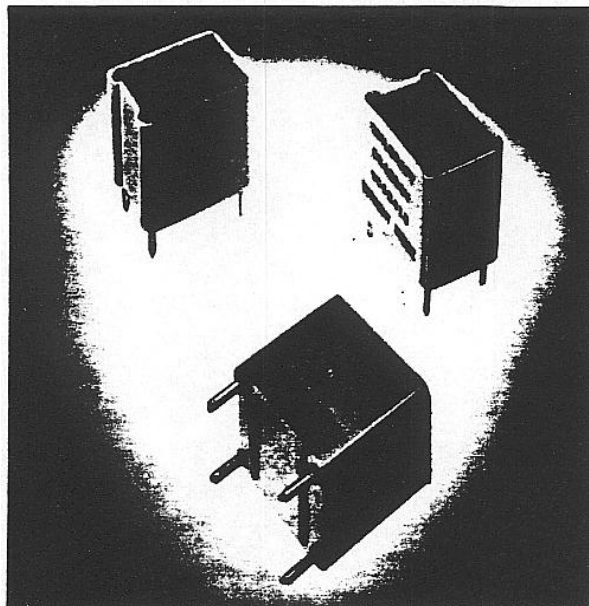


Jameco Part number 154659

Current Sensing Transformers



These low cost Coilcraft current sensing transformers are designed for use at 20 to 50 kHz. They incorporate the current and sense windings in one small, encapsulated package requiring minimum board space.

Varying the terminating resistance R_T allows sensitivities of 10 mA to 1 A per Volt output.

Coilcraft current sensing transformers are designed to comply with creepage, clearance, insulation, and hi-pot requirements of IEC-380 and IEC-435, and with UL and CSA specifications.

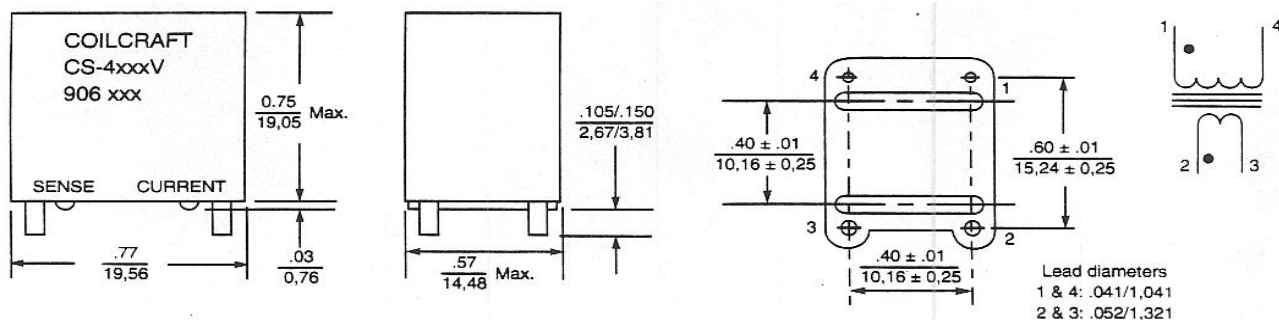
Applications include feedback control, overload sensing, detecting load drop or shutdown, and proportional output.

Coilcraft **Designer's Kit P203** contains the 3 standard current sensing transformers below plus sensor-only versions of each. To order, contact Coilcraft.

SPECIFICATIONS

Part Number	Turns	Inductance (mH)	Sensed Current Max (Amps)	Sensitivity		Terminating Resistor %r*
				Vout (Volts)	Iin (Amps)	
CS4050V	50	5	10	1	1	50
CS4100V	100	20	24	1	1	100
CS4200V	200	100	35	1	1	200

* Varying terminating resistance will increase or decrease output voltage/Ampere in conductor. Effect is essentially linear over a restricted operating range. Frequency response is also affected by varying terminating resistance. %i



Coilcraft

Jameco Part number 154659

Cary, Illinois
(708)639-6400 FAX
(708)639-1469

Cumbernauld, Scotland
0236 730595 FAX 0236
730627

Taipei, Taiwan
268-2146 FAX
268-2092

Singapore
2966933 FAX
2964463